

Crossland, Steffanie

From: Crossland, Steffanie
Sent: Wednesday, September 24, 2014 11:30 AM
To: 'RFantuzzi@khlblaw.com'
Cc: Breese, Andrea; Marquardt, Steve
Subject: Documents released under Freedom of Information Act Request EPA-R5-2014-009750
Attachments: OMIDD Index of Documents.docx; OMIDD Releasable Documents.pdf

Mr. Fantuzzi,

I have attached the documents we discussed yesterday. Thank you for your patience and I sincerely apologize for the delay.

Please feel free to call me with any questions. Have a great day.

Steffanie Crossland

U.S. EPA, Region 5

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No.	Date	Description	No. of Pages
1	09/23/13	Technical Review Worksheet – Exemption 5, deliberative process; internal process to determine validity of workplan	2
2	---	Oakland-Macomb Interceptor Drain Drainage District Interceptor Improvements Project Narrative Workplan Budget, Page 11 of 11 – Hourly rates redacted – Exemption 4, Confidential Business Information	1
3	09/18/13	J. Parrott to B. Cash – Email providing project specs. Password redacted – Exemption 6, Information Involving Matters of Personal Privacy	1
4	09/04/13	J. Parrott to B. Cash – Percentage of labor costs redacted - Exemption 4, Confidential Business Information	1

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1	07/08/13	Grant Application Package (SF 424, SF 424c, SF 424D, EPA Form 6600-06, EPA Form 4700-4)	9
2	06/17/13	K. Westlake to S. Crossland – Categorical Exclusion Determination for the Oakland-Macomb Interceptor Improvements, Oakland County, Michigan	2
3	---	Oakland-Macomb Interceptor Drain Drainage District Interceptor Improvements Project Narrative Workplan	12
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5	09/25/13	Grant Agreement XP-00E01228-0	17
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8	12/17/12	S. Lockhart to B. Cash questioning requirements for environmental review	1

	U.S. ENVIRONMENTAL PROTECTION AGENCY Grant Agreement	GRANT NUMBER (FAIN): 00E01228	DATE OF AWARD
		MODIFICATION NUMBER: 0	09/25/2013
		PROGRAM CODE: XP	MAILING DATE
		TYPE OF ACTION New	10/02/2013
		PAYMENT METHOD: ASAP	ACH# Pend
RECIPIENT TYPE: Special District		Send Payment Request to: Las Vegas Finance Center	
RECIPIENT:		PAYEE:	
Oakland-Macomb Interceptor Drain Drainage District One Public Works Drive Waterford, MI 48328-1907 EIN: 27-1238512		Oakland-Macomb Interceptor Drain Drainage District One Public Works Drive Waterford, MI 48328-1907	
PROJECT MANAGER	EPA PROJECT OFFICER	EPA GRANT SPECIALIST	
Sid Lockhart, P.E. One Public Works Drive Waterford, MI 48328-1907 E-Mail: lockharts@oakgov.com Phone: 248-858-1082	Barbara Cash 77 West Jackson Blvd., WS-15J Chicago, IL 60604-3507 E-Mail: Cash.Barbara@epa.gov Phone: 312-886-6746	Krista Galvin Assistance Section, MC-10J E-Mail: Galvin.Krista@epa.gov Phone: 312-353-4872	
PROJECT TITLE AND DESCRIPTION Oakland-Macomb Interceptor Drain Drainage District Interceptor Improvements The project is to repair and replace structural defects in the Interceptor system that are sources of infiltration leading to loss of soil outside the pipe with the potential to cause sewer rupture and/or collapse. The proposed project will repair and/or re-line approximately 14,000 feet of existing pipe.			
BUDGET PERIOD 10/01/2013 - 12/31/2015	PROJECT PERIOD 10/01/2013 - 12/31/2015	TOTAL BUDGET PERIOD COST \$980,000.00	TOTAL PROJECT PERIOD COST \$980,000.00
NOTICE OF AWARD Based on your Application dated 07/08/2013 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$485,000. EPA agrees to cost-share 49.49% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$485,000. Recipient's signature is not required on this agreement. The recipient demonstrates its commitment to carry out this award by either: 1) drawing down funds within 21 days after the EPA award or amendment mailing date; or 2) not filing a notice of disagreement with the award terms and conditions within 21 days after the EPA award or amendment mailing date. If the recipient disagrees with the terms and conditions specified in this award, the authorized representative of the recipient must furnish a notice of disagreement to the EPA Award Official within 21 days after the EPA award or amendment mailing date. In case of disagreement, and until the disagreement is resolved, the recipient should not draw down on the funds provided by this award/amendment, and any costs incurred by the recipient are at its own risk. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.			
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)		AWARD APPROVAL OFFICE	
ORGANIZATION / ADDRESS		ORGANIZATION / ADDRESS	
U.S. EPA Region 5 Mail Code MCG10J 77 West Jackson Blvd. Chicago, IL 60604-3507		U.S. EPA, Region 5 Water Division 77 West Jackson Blvd., W-15J Chicago, IL 60604-3507	
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY			
Digital signature applied by EPA Award Official Kenneth Tindall - Acting Associate Director Resources Management			DATE 09/25/2013

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FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$	\$ 485,000	\$ 485,000
EPA In-Kind Amount	\$	\$	\$ 0
Unexpended Prior Year Balance	\$	\$	\$ 0
Other Federal Funds	\$	\$	\$ 0
Recipient Contribution	\$	\$ 495,000	\$ 495,000
State Contribution	\$	\$	\$ 0
Local Contribution	\$	\$	\$ 0
Other Contribution	\$	\$	\$ 0
Allowable Project Cost	\$ 0	\$ 980,000	\$ 980,000

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.202 - Congressionally Mandated Projects	Public Law 111-88 Department of Interior Environment and Related Agencies Appropriations Act 2010	40 CFR PART 31

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	1305PW/X043	11	E4	0500H1J	202B51	4192			485,000
									485,000

Approved Budget	
Program Element Classification (Construction)	Approved Allowable Budget Period Cost
1. Administration Expense	\$0
2. Preliminary Expense	\$0
3. Land Structure, Right Of Way	\$0
4. Architectural Engineering Basic Fees	\$0
5. Other Architectural Engineering Fees	\$0
6. Project Inspection Fees	\$0
7. Land Development	\$0
8. Relocation Expenses	\$0
9. Relocation Payments to Individuals & Bus.	\$0
10. Demolition and Removal	\$0
11. Construction and Project Improvement	\$980,000
12. Equipment	\$0
13. Miscellaneous	\$0
14. Total (Lines 1 thru 13)	\$980,000
15. Estimate Income	\$0
16. Net Project Amount (Line 14 minus 15)	\$980,000
17. Less: Ineligible Exclusions	\$0
18. Add: Contingencies	\$0
19. Total (Share: Recip <u>50.51%</u> Fed <u>49.49%</u>)	\$980,000
20. TOTAL APPROVED ASSISTANCE AMOUNT	\$485,000

Administrative Conditions

1. ASAP PAYMENT METHOD

In order to comply with the Debt Collection Improvement Act of 1996, the recipient must complete and return the attached information to the Las Vegas Finance Center for enrollment in the Automated Standard Application for Payments (ASAP) system. You may fax or e-mail this information to Aneida Feaster, Financial Specialist, at Feaster.Aneida@epamail.epa.gov or fax (702-798-2411).

2. CENTRAL CONTRACTOR REGISTRATION AND UNIVERSAL IDENTIFIED REQUIREMENTS

A. Requirement for Central Contractor Registration (CCR). Unless you are exempted from this requirement under 2 CFR 25.110, you as the recipient must maintain the currency of your information in the CCR until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that you review and update the information at least annually after the initial registration, and more frequently if required by changes in your information or another award term.

B. Requirement for Data Universal Numbering System (DUNS) numbers. If you are authorized to make subawards under this award, you:

1. Must notify potential subrecipients that no entity (see definition in paragraph C of this award term) may receive a subaward from you unless the entity has provided its DUNS number to you.
2. May not make a subaward to an entity unless the entity has provided its DUNS number to you.

C. Definitions. For purposes of this award term:

1. Central Contractor Registration (CCR) means the Federal repository into which an entity must provide information required for the conduct of business as a recipient. Additional information about registration procedures may be found at the CCR Internet site (currently at <http://www.ccr.gov>).

2. Data Universal Numbering System (DUNS) number means the nine-digit number established and assigned by Dun and Bradstreet, Inc. (D&B) to uniquely identify business entities. A DUNS number may be obtained from D&B by telephone (currently 866-705-5711) or the Internet (currently at <http://fedgov.dnb.com/webform>).

3. Entity, as it is used in this award term, means all of the following, as defined at 2 CFR part 25, subpart C:

- a. A Governmental organization, which is a State, local government, or Indian tribe;
- b. A foreign public entity;
- c. A domestic or foreign nonprofit organization;
- d. A domestic or foreign for-profit organization; and
- e. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

4. Subaward:

- a. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.
- b. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. -.210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
- c. A subaward may be provided through any legal agreement, including an

agreement that you consider a contract.

5. Subrecipient means an entity that:

- a. Receives a subaward from you under this award; and
- b. Is accountable to you for the use of the Federal funds provided by the subaward.

3. CIVIL RIGHTS OBLIGATIONS

GENERAL

This term and condition incorporates by reference the signed assurance provided by the recipient's authorized representative on: 1) EPA Form 4700-4, "Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance"; and 2) Standard Form 424B or Standard Form 424D, as applicable. These assurances and this term and condition obligate the recipient to comply fully with applicable civil rights statutes and implementing EPA regulations.

STATUTORY REQUIREMENTS

In carrying out this agreement, the recipient must comply with:

- Title VI of the Civil Rights Act of 1964, which prohibits discrimination based on race, color, and national origin, including limited English proficiency (LEP), by entities receiving Federal financial assistance.
- Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination against persons with disabilities by entities receiving Federal financial assistance; and
- The Age Discrimination Act of 1975, which prohibits age discrimination by entities receiving Federal financial assistance.

If the recipient is conducting an education program under this agreement, it must also comply with:

- Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of sex in education programs and activities operated by entities receiving Federal financial assistance.

If this agreement is funded with financial assistance under the Clean Water Act (CWA), the recipient must also comply with:

- Section 13 of the Federal Water Pollution Control Act Amendments of 1972, which prohibits discrimination on the basis of sex in CWA-funded programs or activities.

REGULATORY REQUIREMENTS

The recipient agrees to comply with all applicable EPA civil rights regulations, including:

- For Title IX obligations, 40 C.F.R. Part 5; and
- For Title VI, Section 504, Age Discrimination Act, and Section 13 obligations, 40 C.F.R. Part 7.
- As noted on the EPA Form 4700-4 signed by the recipient's authorized representative, these regulations establish specific requirements including maintaining compliance information, establishing grievance procedures, designating a Civil Rights Coordinator, and providing notices of non-discrimination.

TITLE VI – LEP, Public Participation and Affirmative Compliance Obligation

- As a recipient of EPA financial assistance, you are required by Title VI of the Civil Rights Act to provide meaningful access to LEP individuals. In implementing that requirement, the recipient agrees to use as a guide the Office of Civil Rights (OCR) document entitled "*Guidance to Environmental Protection Agency Financial Assistance Recipients Regarding Title VI Prohibition Against National*

Origin Discrimination Affecting Limited English Proficient Persons." The guidance can be found at http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2004_register&docid=fr25in04-79.pdf

If the recipient is administering permitting programs under this agreement, the recipient agrees to use as a guide OCR's Title VI Public Involvement Guidance for EPA Assistance Recipients Administering Environmental Permitting Programs. The Guidance can be found at <http://edocket.access.gpo.gov/2006/pdf/06-2691.pdf>.

In accepting this assistance agreement, the recipient acknowledges it has an affirmative obligation to implement effective Title VI compliance programs and ensure that its actions do not involve discriminatory treatment and do not have discriminatory effects even when facially neutral. The recipient must be prepared to demonstrate to EPA that such compliance programs exist and are being implemented or to otherwise demonstrate how it is meeting its Title VI obligations.

4. CONSULTANT CAP

Payment to consultants. EPA participation in the salary rate (excluding overhead) paid to individual consultants retained by recipients or by a recipient's contractors or subcontractors shall be limited to the maximum daily rate for a Level IV of the Executive Schedule (formerly GS-18), to be adjusted annually. This limit applies to consultation services of designated individuals with specialized skills who are paid at a daily or hourly rate. As of January 1, 2013, the limit is \$596.00 per day and \$74.50 per hour. This rate does not include transportation and subsistence costs for travel performed (the recipient will pay these in accordance with their normal travel reimbursement practices).

Subagreements with firms for services which are awarded using the procurement requirements in 40 CFR 30 or 31, as applicable, are not affected by this limitation unless the terms of the contract provide the recipient with responsibility for the selection, direction, and control of the individuals who will be providing services under the contract at an hourly or daily rate of compensation. See 40 CFR 31.36(j) or 30.27(b).

5. COPYRIGHTED MATERIAL

In accordance with 40 CFR 31.34 for State, local and Indian Tribal governments or 40 CFR 30.36 for other recipients, EPA has the right to reproduce, publish, use, and authorize others to use copyrighted works or other data developed under this assistance agreement for Federal purposes.

Examples of a Federal purpose include but are not limited to: (1) Use by EPA and other Federal employees for official Government purposes; (2) Use by Federal contractors performing specific tasks for the Government; (3) Publication in EPA documents provided the document does not disclose trade secrets (e.g. software codes) and the work is properly attributed to the recipient through citation or otherwise; (4) Reproduction of documents for inclusion in Federal depositories; (5) Use by State, tribal and local governments that carry out delegated Federal environmental programs as "co-regulators" or act as official partners with EPA to carry out a national environmental program within their jurisdiction and; (6) Limited use by other grantees to carry out Federal grants provided the use is consistent with the terms of EPA's authorization to the other grantee to use the copyrighted works or other data.

Under Item 6, the grantee acknowledges that EPA may authorize another grantee(s) to use the copyrighted works or other data developed under this grant as a result of:

- a. the selection of another grantee by EPA to perform a project that will involve the use of the copyrighted works or other data or;
- b. termination or expiration of this agreement.

In addition, EPA may authorize another grantee to use copyrighted works or other data developed with Agency funds provided under this grant to perform another grant when such use promotes efficient and effective use of Federal grant funds.

6. DBE PART 31 - ACCEPTING GOALS - PROJECT GRANTS

UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESS ENTERPRISES

GENERAL COMPLIANCE, 40 CFR, Part 33

The recipient agrees to comply with the requirements of EPA's Program for Utilization of Small, Minority and Women's Business Enterprises in procurement under assistance agreements, contained in 40 CFR, Part 33.

FAIR SHARE OBJECTIVES, 40 CFR, Part 33, Subpart D

A recipient must negotiate with the appropriate EPA award official, or his/her designee, fair share objectives for MBE and WBE (MBE/WBE) participation in procurement under the financial assistance agreements.

Accepting the Fair Share Objectives/Goals of Another Recipient

The dollar amount of this assistance agreement is \$250,000, or more; or the total dollar amount of all of the recipient's non-TAG assistance agreements from EPA in the current fiscal year is \$250,000, or more. The recipient accepts the applicable MBE/WBE fair share objectives/goals negotiated with EPA by the **Michigan Department of Environmental Quality** as follows:

Combined Rates: MBE 2%; WBE 6%

By signing this financial assistance agreement, the recipient is accepting the fair share objectives/goals stated above and attests to the fact that it is purchasing the same or similar construction, supplies, services and equipment, in the same or similar relevant geographic buying market as **Michigan Department of Environmental Quality**.

Negotiating Fair Share Objectives/Goals, 40 CFR, Section 33.404

The recipient has the option to negotiate its own MBE/WBE fair share objectives/goals. If the recipient wishes to negotiate its own MBE/WBE fair share objectives/goals, the recipient agrees to submit proposed MBE/WBE objectives/goals based on an availability analysis, or disparity study, of qualified MBEs and WBEs in their relevant geographic buying market for construction, services, supplies and equipment.

The submission of proposed fair share goals with the supporting analysis or disparity study means that the recipient is **not** accepting the fair share objectives/goals of another recipient. The recipient agrees to submit proposed fair share objectives/goals, together with the supporting availability analysis or disparity study, to the Regional MBE/WBE Coordinator within 120 days of its acceptance of the financial assistance award. EPA will respond to the proposed fair share objective/goals within 30 days of receiving the submission. If proposed fair share objective/goals are not received within the 120 day time frame, the recipient may not expend its EPA funds for procurements until the proposed fair share objective/goals are submitted.

SIX GOOD FAITH EFFORTS, 40 CFR, Part 33, Subpart C

Pursuant to 40 CFR, Section 33.301, the recipient agrees to make the following good faith efforts whenever procuring construction, equipment, services and supplies under an EPA financial assistance agreement, and to ensure that sub-recipients, loan recipients, and prime contractors also comply. Records documenting compliance with the six good faith efforts shall be retained:

(a) Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.

(b) Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that

encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

(c) Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.

(d) Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

(e) Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.

(f) If the prime contractor awards subcontracts, require the prime contractor to take the steps in paragraphs (a) through (e) of this section.

MBE/WBE REPORTING, 40 CFR, Part 33, Sections 33.502 and 33.503

The recipient agrees to complete and submit EPA Form 5700-52A, "MBE/WBE Utilization Under Federal Grants, Cooperative Agreements and Interagency Agreements" beginning with the Federal fiscal year reporting period the recipient receives the award, and continuing until the project is completed. **Only procurements with certified MBE/WBEs are counted toward a recipient's MBE/WBE accomplishments.** The reports must be submitted **semiannually** for the periods ending March 31st and September 30th for:

Recipients of financial assistance agreements that capitalize revolving loan programs (CWSRF, DWSRF, Brownfields); and

All other recipients not identified as annual reporters (40 CFR Part 30 and 40 CFR Part 35, Subpart A and Subpart B recipients are annual reporters).

The reports are due within 30 days of the end of the semiannual reporting periods (April 30th and October 30th). Reports should be sent to

**Adrianne M. Callahan, Region 5 MBE/WBE Coordinator
USEPA, Acquisition and Assistance Branch
77 West Jackson Boulevard (MC-10J)
Chicago, IL 60604**

Final MBE/WBE reports must be submitted within 90 days after the project period of the grant ends. Your grant cannot be officially closed without all MBE/WBE reports.

EPA Form 5700-52A may be obtained from the EPA Office of Small Business Program's Home Page on the Internet at www.epa.gov/osbp.

CONTRACT ADMINISTRATION PROVISIONS, 40 CFR, Section 33.302

The recipient agrees to comply with the contract administration provisions of 40 CFR, Section 33.302.

BIDDERS LIST, 40 CFR, Section 33.501(b) and (c)

Recipients of a Continuing Environmental Program Grant or other annual reporting grant, agree to create and maintain a bidders list. Recipients of an EPA financial assistance agreement to capitalize a revolving loan fund also agree to require entities receiving identified loans to create and maintain a bidders list if the recipient of the loan is subject to, or chooses to follow,

competitive bidding requirements. Please see 40 CFR, Section 33.501 (b) and (c) for specific requirements and exemptions.

7. DRUG-FREE WORKPLACE CERTIFICATION FOR ALL EPA RECIPIENTS

The recipient organization of this EPA assistance agreement must make an ongoing, good faith effort to maintain a drug-free workplace pursuant to the specific requirements set forth in Title 2 CFR Part 1536 Subpart B. Additionally, in accordance with these regulations, the recipient organization must identify all known workplaces under its federal awards, and keep this information on file during the performance of the award.

Those recipients who are individuals must comply with the drug-free provisions set forth in Title 2 CFR Part 1536 Subpart C.

The consequences for violating this condition are detailed under Title 2 CFR Part 1536 Subpart E. Recipients can access the Code of Federal Regulations (CFR) Title 2 Part 1536 at <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=701081165f70316effa8ebf67df73de0&rqn=div5&view=text&node=2.1.2.11.11.2&idno=2>.

8. EARMARKS - FULLY FUNDED

EPA is fully funding this assistance agreement based on the terms of a congressional earmark. If future earmarks are not provided for this project and recipient, supplemental funding for this project is not guaranteed.

9. HOTEL-MOTEL FIRE SAFETY

Pursuant to 40 CFR 30.18, if applicable, and 15 USC 2225a, the recipient agrees to ensure that all space for conferences, meetings, conventions, or training seminars funded in whole or in part with federal funds complies with the protection and control guidelines of the Hotel and Motel Fire Safety Act (PL 101-391, as amended). Recipients may search the Hotel-Motel National Master List at <http://www.usfa.dhs.gov/applications/hotel/> to see if a property is in compliance (FEMA ID is currently not required), or to find other information about the Act.

10. INTERGOVERNMENTAL REVIEW POLICY

Pursuant to 40 CFR 29.8 recipients that participate in the Intergovernmental Review Program within their local state will not expend any funds until the comment period has expired. The State's single point of contact has sixty days to comment from the date of the application submission for review. The application was submitted on August 27, 2013, therefore, the 60 day comment period expires October 26, 2013.

11. LOBBYING AND LITIGATION

The chief executive officer of this recipient agency shall ensure that no grant funds awarded under this assistance agreement are used to engage in lobbying of the Federal Government or in litigation against the United States unless authorized under existing law. The recipient shall abide by its respective OMB Circular (A-21, A-87, or A-122), which prohibits the use of federal grant funds for litigation against the United States or for lobbying or other political activities.

12. MANAGEMENT FEES

Management fees or similar charges in excess of the direct costs and approved indirect rates are not allowable. The term "management fees or similar charges" refers to expenses added to the direct costs in order to accumulate and reserve funds for ongoing business expenses, unforeseen liabilities, or for other similar costs which are not allowable under this assistance agreement. Management fees or similar charges may not be used to improve or expand the project funded under this agreement, except to the

extent authorized as a direct cost of carrying out the scope of work.

13. RECYCLED PAPER - PART 31 RECIPIENTS - STATE, TRIBES & LOCAL GOVERNMENTS

In accordance with the policies set forth in EPA Order 1000.25 and Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management (January 24, 2007), the recipient agrees to use recycled paper and double sided printing for all reports which are prepared as a part of this agreement and delivered to EPA. This requirement does not apply to reports prepared on forms supplied by EPA, or to Standard Forms, which are printed on recycled paper and are available through the General Services Administration.

14. RECYCLED PRODUCTS - STATE AGENCIES AND POLITICAL SUBDIVISIONS

Any State agency or agency of a political subdivision of a State which is using appropriated Federal funds shall comply with the requirements set forth in Section 6002 of the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6962). Regulations issued under RCRA Section 6002 apply to any acquisition of an item where the purchase price exceeds \$10,000 or where the quantity of such items acquired in the course of the preceding fiscal year was \$10,000 or more. RCRA Section 6002 requires that preference be given in procurement programs to the purchase of specific products containing recycled materials identified in guidelines developed by EPA. These guidelines are listed in 40 CFR 247.

15. REIMBURSEMENT LIMITATION

EPA's financial obligations to the recipient are limited by the amount of federal funding awarded to date as shown on line 15 in its EPA approved budget. If the recipient incurs costs in anticipation of receiving additional funds from EPA, it does so at its own risk.

16. SINGLE AUDIT ANNUAL REPORTING REQUIREMENT

In accordance with OMB Circular A-133, which implements the Single Audit Act, the recipient hereby agrees to obtain a single audit from an independent auditor, if it expends \$500,000 or more in total Federal funds in any fiscal year. Within nine months after the end of a recipient's fiscal year or 30 days after receiving the report from the auditor, the recipient shall submit the SF-SAC and a Single Audit Report Package. **The recipient MUST** submit the SF-SAC and a Single Audit Report Package, using the Federal Audit Clearinghouse's Internet Data Entry System. For complete information on how to accomplish the single audit submissions, you will need to visit the Federal Audit Clearinghouse Web site: <http://harvester.census.gov/fac/>

17. STATUTORY LIMITATION

This award and the resulting ratio of funding is based on estimated costs requested in the application. EPA participation in the final total allowable program/project costs (outlays) shall not exceed the statutory limitation of 55% of total allowable program/project costs or the total funds awarded, whichever is lower.

18. SUBAWARD REPORTING

- a. The recipient agrees to:
- (1) Establish all subaward agreements in writing;
 - (2) Maintain primary responsibility for ensuring successful completion of the EPA-approved project (this responsibility cannot be delegated or transferred to a subrecipient);
 - (3) Ensure that any subawards comply with the standards in Section 210(a)-(d) of OMB Circular A-133 and are not used to acquire commercial goods or services for the recipient;
 - (4) Ensure that any subawards are awarded to eligible subrecipients and that proposed subaward costs are necessary, reasonable, and allocable;
 - (5) Ensure that any subawards to 501(c)(4) organizations do not involve lobbying activities;
 - (6) Monitor the performance of their recipients and ensure that they comply with all applicable

- regulations, statutes, and terms and conditions which flow down in the subaward;
- (7) Obtain EPA's consent before making a subaward to a foreign or international organization, or a subaward to be performed in a foreign country; and
 - (8) Obtain approval from EPA for any new subaward work that is not outlined in the approved work plan in accordance with 40 CFR Parts 30.25 and 31.30, as applicable.
- b. Any questions about subrecipient eligibility or other issues pertaining to subawards should be addressed to the recipient's EPA Project Officer. Additional information regarding subawards may be found at <http://www.epa.gov/ogd/guide/subaward-policy-part-2.pdf>. Guidance for distinguishing between vendor and subrecipient relationships and ensuring compliance with Section 210(a)-(d) of OMB Circular A-133 can be found at <http://www.epa.gov/ogd/guide/subawards-appendix-b.pdf> and <http://www.whitehouse.gov/omb/circulars/a133/a133.html>.
- c. The recipient is responsible for selecting its subrecipients and, if applicable, for conducting subaward competitions.

19. SUBAWARDS AND EXECUTIVE COMPENSATION

a. Reporting of first-tier subawards.

1. Applicability. Unless you are exempt as provided in paragraph d. of this award term, you must report each action that obligates \$25,000 or more in Federal funds that does not include Recovery funds (as defined in section 1512(a)(2) of the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5) for a subaward to an entity (see definitions in paragraph e of this award term).
2. Where and when to report.
 - i. You must report each obligating action described in paragraph a.1. of this award term to www.fsrs.gov.
 - ii. For subaward information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2010, the obligation must be reported by no later than December 31, 2010.)
3. What to report. You must report the information about each obligating action that the submission instructions posted at www.fsrs.gov specify.

b. Reporting Total Compensation of Recipient Executives.

1. Applicability and what to report. You must report total compensation for each of your five most highly compensated executives for the preceding completed fiscal year, if –
 - i. the total Federal funding authorized to date under this award is \$25,000 or more;
 - ii. in the preceding fiscal year, you received—
 - (A) 80 percent or more of your annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - (B) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - iii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
2. Where and when to report. You must report executive total compensation described in paragraph b.1. of this award term:
 - i. As part of your registration profile at www.ccr.gov.
 - ii. By the end of the month following the month in which this award is made, and annually

thereafter.

c. **Reporting of Total Compensation of Subrecipient Executives.**

1. **Applicability and what to report.** Unless you are exempt as provided in paragraph d. of this award term, for each first-tier subrecipient under this award, you shall report the names and total compensation of each of the subrecipient's five most highly compensated executives for the subrecipient's preceding completed fiscal year, if—
 - i. in the subrecipient's preceding fiscal year, the subrecipient received—
 - (A) 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - (B) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subawards); and
 - ii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
2. **Where and when to report.** You must report subrecipient executive total compensation described in paragraph c. 1. of this award term:
 - i. To the recipient.
 - ii. By the end of the month following the month during which you make the subaward. For example, if a subaward is obligated on any date during the month of October of a given year (i.e., between October 1 and 31), you must report any required compensation information of the subrecipient by November 30 of that year.

d. **Exemptions**

If, in the previous tax year, you had gross income, from all sources, under \$300,000, you are exempt from the requirements to report:

- i. subawards, and
- ii. the total compensation of the five most highly compensated executives of any subrecipient.

e. **Definitions.** For purposes of this award term:

1. **Entity** means all of the following, as defined in 2 CFR part 25:
 - i. A Governmental organization, which is a State, local government, or Indian tribe;
 - ii. A foreign public entity;
 - iii. A domestic or foreign nonprofit organization;
 - iv. A domestic or foreign for-profit organization;
 - v. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.
2. **Executive** means officers, managing partners, or any other employees in management positions.
3. **Subaward:**
 - i. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.
 - ii. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. --.210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
 - iii. A subaward may be provided through any legal agreement, including an agreement that you

or a subrecipient considers a contract.

4. Subrecipient means an entity that
 - i. Receives a subaward from you (the recipient) under this award; and
 - ii. Is accountable to you for the use of the Federal funds provided by the subaward.
5. Total compensation means the cash and noncash dollar value earned by the executive during the recipient's or subrecipient's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):
 - i. *Salary and bonus*.
 - ii. *Awards of stock, stock options, and stock appreciation rights*. Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.
 - iii. *Earnings for services under non-equity incentive plans*. This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives, and are available generally to all salaried employees.
 - iv. *Change in pension value*. This is the change in present value of defined benefit and actuarial pension plans.
 - v. *Above-market earnings on deferred compensation which is not tax-qualified*.
 - vi. Other compensation, if the aggregate value of all such other compensation (e.g. severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds \$10,000.

20. SUSPENSION & DEBARMENT: 2 CFR PART 1532

Recipients shall fully comply with Subpart C of 2 CFR Part 180 entitled, "Responsibilities of Participants Regarding Transactions Doing Business With Other Persons," as implemented and supplemented by 2 CFR Part 1532. Recipient is responsible for ensuring that any lower tier covered transaction, as described in Subpart B of 2 CFR Part 180, entitled "Covered Transactions," includes a term or condition requiring compliance with Subpart C. Recipient is responsible for further requiring the inclusion of a similar term or condition in any subsequent lower tier covered transactions. Recipient acknowledges that failing to disclose the information required under 2 CFR 180.335 may result in the delay or negation of this assistance agreement, or pursuance of legal remedies, including suspension and debarment.

Recipients may access suspension and debarment information at <http://www.sam.gov>. This system allows recipients to perform searches determining whether an entity or individual is excluded from receiving Federal assistance. This term and condition supersedes EPA Form 5700-49, "Certification Regarding Debarment, Suspension, and Other Responsibility Matters."

21. TRAFFICKING IN PERSONS

- a. *Provisions applicable to a recipient that is a private entity*.
 1. You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not—
 - i. Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
 - ii. Procure a commercial sex act during the period of time that the award is in effect; or
 - iii. Use forced labor in the performance of the award or subawards under the award.
 2. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity —
 - i. Is determined to have violated a prohibition in paragraph a.1 of this award term; or
 - ii. Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph a.1 of this award term through conduct that is either—

- (A) Associated with performance under this award; or
 - (B) Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our Agency at 2 CFR 1532.
- b. *Provision applicable to a recipient other than a private entity* . We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity—
 - 1. Is determined to have violated an applicable prohibition in paragraph a.1 of this award term; or
 - 2. Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph a.1 of this award term through conduct that is either—
 - i. Associated with performance under this award; or
 - ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR 1532
- c. *Provisions applicable to any recipient* .
 - 1. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a.1 of this award term.
 - 2. Our right to terminate unilaterally that is described in paragraph a.2 or b of this section:
 - i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and
 - ii. Is in addition to all other remedies for noncompliance that are available to us under this award.
 - 3. You must include the requirements of paragraph a.1 of this award term in any subaward you make to a private entity.
- d. *Definitions* . For purposes of this award term:
 - 1. "Employee" means either:
 - i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
 - ii. Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
 - 2. "Forced labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
 - 3. "Private entity":
 - i. Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25.
 - ii. Includes:
 - (A) A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).
 - (B) A for-profit organization.
 - 4. "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. 7102).

22. UNLIQUIDATED OBLIGATIONS - INTERIM FFR - PART 31 RECIPIENTS

Submission of interim Federal Financial Reports

Pursuant to 40 CFR 31.41(b) and 31.50(b), EPA recipients shall submit an annual Federal Financial Report (SF-425) to EPA no later than 90 calendar days following the end of the reporting quarter.

The following reporting period end dates shall be used for interim reports: 12/31.

At the end of the project, the recipient must submit a final Federal Financial Report to EPA no later than 90 calendar days after the end of the project period. The form is available on the internet at <http://www.epa.gov/financial/>.

All FFRs must be submitted to the Las Vegas Finance Center: **USEPA LVFC**
4220 S. Maryland Pkwy
Bldg C, Ste 503
Las Vegas, NV 89119

or by Fax to: 702-798-2423;
or via email at LVFC-Grants@epa.gov.

The LVFC will make adjustments, as necessary, to obligated funds after reviewing and accepting a final Federal Financial Report. Recipients will be notified and instructed by EPA if they must complete any additional forms for the closeout of the assistance agreement.

EPA may take enforcement actions in accordance with 40 CFR 31.43 if the recipient does not comply with this term and condition.

Programmatic Conditions

1. PAYMENT

The recipient will work with the EPA Las Vegas Finance Center (LVFC) to set up either the U.S. Department of Treasury's "Automated Standard Application For Payment" (ASAP) system or the Automated Clearing House (ACH) payment system.

ASAP is an electronic payment system that the recipient will access via the Internet. Once enrolled in ASAP, the recipient should contact their EPA Project Officer for instructions on submitting the payment requests. The recipient will submit the reimbursement request *Standard Form (SF) 271*, the appropriate invoices and the engineering inspection reports (if applicable) to their Project Officer for approval. When the Project Officer approves the payment, they will notify the recipient to withdraw the approved amount from the ASAP system.

If the recipient is receiving payment via ACH, the recipient will submit their payment requests to the Project Officer. The recipient will submit the reimbursement request *SF-271*, appropriate invoices, the engineering inspection reports (if applicable) and the *Payment Request Form* to their EPA Project Officer for approval.

2. ENVIRONMENTAL RESULTS - RECIPIENT PERFORMANCE REPORTING

Performance Reports:

In accordance with 40 C.F.R. §31.40, the recipient agrees to submit performance reports that include brief information on each of the following areas: 1) a comparison of actual accomplishments to the outputs/outcomes established in the assistance agreement workplan for the period; 2) the reasons for slippage if established outputs/outcomes were not met; and 3) additional pertinent information, including, when appropriate, analysis and information of cost overruns or high unit costs.

In accordance with 40 C.F.R. § 31.40 (d), the recipient agrees to inform EPA as soon as problems, delays or adverse conditions become known which will materially impair the ability to meet the outputs/outcomes specified in the assistance agreement work plan.

3. PROJECT/BUDGET PERIOD EXTENSION

In accordance with 40 CFR 31.30(d), the recipient must obtain prior approval of the awarding agency to extend the project and budget period of expiration date(s). The written justification for the extension must be submitted to the EPA Project Officer listed on the first page of this award document, at least 30 days prior to the expiration date of the award. EPA cannot reimburse the recipient for any costs incurred after the expiration date of the grant or prior to project extension.

4. CHANGES IN PROJECT SCHEDULE

The recipient agrees to notify the project officer when there is a change in the project schedule. This notification should occur within 30 days of schedule change.

5. SEMI-ANNUAL REPORTING

Semi-annual technical performance reports must be submitted within 30 days following the end of each six-month period and must include documentation of the costs incurred during the reporting period. A final technical performance report must be submitted 90 days after the end of the budget and project periods and must include documentation of costs. All technical performance reports must be submitted to the EPA Project Officer as identified on page one of this Assistance Agreement.

6. FINAL PROJECT REPORT

A final technical performance report must be submitted 90 days after the end of the budget and project periods and must include documentation of the costs incurred. The report must be submitted to the EPA Project Officer as identified on page one of this Assistance Agreement.

7. TIMELY PAYMENTS

Recipient agrees to submit, at a minimum, quarterly payment requests to the EPA for all eligible, allowable, allocable, necessary and reasonable costs the recipient incurred during that quarter under the approved workplan. More frequent payment requests may also be submitted as costs are incurred. A payment request is not required if the recipient didn't incur costs during that quarter.

8. SUFFICIENT PROGRESS

EPA may terminate the assistance agreement for failure of the recipient to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the workplan in conjunction with the milestone schedule, the time remaining for performance within the project period, and/or the availability of funds necessary to complete the project.

Select design consultant	December, 2013
Confirm Preliminary Evaluation	February 2014
Evaluate remedial techniques	March 2014
Prepare Phase One plans and specifications	February - June 2014
Select Contractor	August 2014
Construct Phase One Improvements	October 2014 - December 2015

9. PROCUREMENT

Recipient will adhere to the regulations regarding the procurement of goods, consultants and contractors. The regulations can be found at 40 CFR 31.36. Any costs incurred under an improperly procured contract may be disallowed.

10. DOCUMENTATION OF COMPETITIVE PROCUREMENTS

The recipient agrees to provide all documentation of the procurement process used to obtain consultants/contractors to the project officer prior to award or within 30 days of bid selection.

11. ON-SITE INSPECTIONS

The recipient agrees to allow the inspectors for EPA access to the project site and all related paperwork. The project may be inspected more than once.

12. ELECTRONIC AND INFORMATION TECHNOLOGY ACCESSIBILITY

Recipients and subrecipients are subject to the program accessibility provisions of Section 504 of the Rehabilitation Act, codified in 40 CFR Part 7, which includes an obligation to provide individuals with disabilities reasonable accommodations and an equal and effective opportunity to benefit from or participate in a program, including those offered through electronic and information technology ("EIT"). In compliance with Section 504, EIT systems or products funded by this award must be designed to meet the diverse needs of users (e.g., U.S. public, recipient personnel) without barriers or diminished function or quality. Systems shall include usability features or functions that accommodate the needs of persons with disabilities, including those who use assistive technology. At this time, the EPA will consider a recipient's websites, interactive tools, and other EIT as being in compliance with Section 504 if such technologies meet standards established under Section 508 of the Rehabilitation Act, codified at 36 CFR Part 1194. While Section 508 does not apply directly to grant recipients, we encourage recipients to follow either the 508 guidelines or other comparable guidelines that concern accessibility to EIT for individuals with disabilities. Recipients may wish to consult the latest Section 508 guidelines issued by the US Access Board or W3C's Web Content Accessibility Guidelines (WCAG) 2.0 (see <http://www.access-board.gov/sec508/guide/index.htm>).

13. FOOD AND REFRESHMENTS

Unless the event(s) and all of its components (i.e., receptions, banquets and other activities that take place after normal business hours) are described in the approved workplan, the recipient agrees to obtain prior approval from EPA for the use of grant funds for light refreshments and/or meals served at meetings, conferences, training workshops, and outreach activities (events). The recipient must send requests for approval to the EPA Project Officer and include:

- (1) An estimated budget and description for the light refreshments, meals, and/or beverages to be served at the event(s);
- (2) A description of the purpose, agenda, location, length and timing for the event.
- (3) An estimated number of participants in the event and a description of their roles.

Recipients may address questions about whether costs for light refreshments, and meals for events are allowable to the recipient's EPA Project Officer. However, the Agency Award Official or Grant Management Officer will make final determinations

on allowability. Agency policy prohibits the use of EPA funds for receptions, banquets and similar activities that take place after normal business hours unless the recipient has provided a justification that has been expressly approved by EPA's Award Official or Grants Management Officer.

Note: U.S. General Services Administration regulations define light refreshments for morning, afternoon or evening breaks to include, but not be limited to, coffee, tea, milk, juice, soft drinks, donuts, bagels,

fruit, pretzels, cookies, chips, or muffins.
(41 CFR 301-74.11)

Application for Federal Assistance SF-424

Version 02

<p>*1. Type of Submission</p> <p><input type="checkbox"/> Preapplication</p> <p><input checked="" type="checkbox"/> Application</p> <p><input type="checkbox"/> Changed/Corrected Application</p>		<p>*2. Type of Application</p> <p><input checked="" type="checkbox"/> New</p> <p><input type="checkbox"/> Continuation</p> <p><input type="checkbox"/> Revision</p>		<p>*If Revision, select appropriate letter(s):</p> <p>* Other (Specify)</p>	
<p>*3. Date Received:</p>		<p>4. Application Identifier:</p>			
<p>5a. Federal Entity Identifier:</p>			<p>*5b. Federal Award Identifier:</p>		
<p>State Use Only:</p>					
<p>6. Date Received by State:</p>			<p>7. State Application Identifier:</p>		
<p>8. APPLICANT INFORMATION:</p>					
<p>* a. Legal Name: Oakland-Macomb Interceptor Drain Drainage District</p>					
<p>* b. Employer/Taxpayer Identification Number (EIN/TIN): 27-1238512</p>			<p>*c. Organizational DUNS: 832746171</p>		
<p>d. Address:</p> <p>*Street1: One Public Works Drive</p> <p>Street 2:</p> <p>*City: Waterford</p> <p>County:</p> <p>*State: Michigan</p> <p>Province:</p> <p>Country:</p> <p>*Zip/ Postal Code: 48328-1907</p>					
<p>e. Organizational Unit:</p>					
<p>Department Name:</p>			<p>Division Name:</p>		
<p>f. Name and contact information of person to be contacted on matters involving this application:</p>					
<p>Prefix: Mr.</p> <p>Middle Name:</p>		<p>First Name: Sid</p>			
<p>*Last Name: Lockhart</p> <p>Suffix: P.E.</p>					
<p>Title: Assistant Chief Engineer</p>					
<p>Organizational Affiliation:</p> <p>Oakland County Water Resources Commissioner's Office</p>					
<p>*Telephone Number: 248-858-1082</p>			<p>Fax Number: 248-858-1066</p>		
<p>*Email: lockharts@oakgov.com</p>					

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9. Type of Applicant 1: Select Applicant Type: D. Special District Government

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

*Other (specify):

*10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.202

CFDA Title:

Congressionally Mandated Projects

*12. Funding Opportunity Number:

*Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Portions of Oakland and Macomb Counties, Michigan

*15. Descriptive Title of Applicant's Project:

Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements

Attach supporting documents as specified in agency instructions.

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16. Congressional Districts Of: MI-008, MI-009, MI-010, MI-011, MI012

*a. Applicant MI-008, -009, -010, -011, -012

*b. Program/Project: MI-008, -009, -010, -011, -012

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: August 1, 2013

*b. End Date: December 31, 2014

18. Estimated Funding (\$):

*a. Federal	\$485,000.00
*b. Applicant	\$495,000.00
*c. State	\$0.00
*d. Local	\$0.00
*e. Other	\$0.00
*f. Program Income	\$0.00
*g. TOTAL	\$980,000.00

*19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- ☒ a. This application was made available to the State under the Executive Order 12372 Process for review on
☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
☐ c. Program is not covered by E.O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

☐ Yes ☒ No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ **I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr.

*First Name: Jim

Middle Name:

*Last Name: Nash

Suffix:

*Title: Secretary, Oakland-Macomb Interceptor Drain Drainage District

*Telephone Number: 248-858-0958

Fax Number: 248-858-1066

*Email: nashj@oakgov.com

*Signature of Authorized Representative: 

Date Signed: 7/8/13

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***Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Not Applicable

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of projects costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Grantee Match	c. Federal Share (Columns a-b)
1. Administrative and legal expenses	\$.00	\$.00	\$.00
2. Land, structures, rights-of-way, appraisals, etc.	\$.00	\$.00	\$.00
3. Relocation expenses and payments	\$.00	\$.00	\$.00
4. Architectural and engineering fees	\$.00	\$.00	\$.00
5. Other architectural and engineering fees	\$.00	\$.00	\$.00
6. Project inspection fees	\$.00	\$.00	\$.00
7. Site work	\$.00	\$.00	\$.00
8. Demolition and removal	\$.00	\$.00	\$.00
9. Construction	\$ 980,000.00	\$.00	\$.00
10. Equipment	\$.00	\$.00	\$.00
11. Miscellaneous	\$.00	\$.00	\$.00
12. SUBTOTAL (sum of lines 1-11)	\$.00	\$.00	\$.00
13. Contingencies	\$.00	\$.00	\$.00
14. SUBTOTAL	\$.00	\$.00	\$.00
15. Project (program) income	\$.00	\$.00	\$.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 980,000.00	\$.00	\$.00
FEDERAL FUNDING			
17. Federal assistance requested, calculated as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal Share.	Enter eligible costs from line 16c Multiply X _____ %		\$ 485,000.00

Rev. Recd 9/17/13

ASSURANCES - CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.


**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

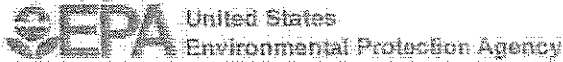
NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4726-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE John P. McCulloch, Secretary, OMIDDD	
APPLICANT ORGANIZATION Oakland-Macomb Interceptor Drain Drainage District ("OMIDDD")		DATE SUBMITTED September 25, 2012



EPA Project Control Number

CERTIFICATION REGARDING LOBBYING

CERTIFICATION FOR CONTRACTS, GRANTS, LOANS AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

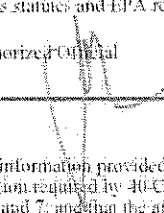
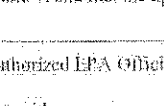
(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

John P McCulloch, Secretary OMIDD

Typed Name & Title of Authorized Representative

Signature and Date of Authorized Representative

<p align="center">Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance <i>Note: Read instructions on other side before completing form.</i></p>		
I.	Applicant/Recipient (Name, Address, State, Zip Code).	DUNS No.
	Oakland-Macomb Interceptor Drain Drainage District (OMIDDD)	832746171
II.	Is the applicant currently receiving EPA assistance?	
	Yes, SRF and ARRA funding	
III.	List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.)	
	None	
IV.	List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective action taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.)	
	None	
V.	List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))	
	None	
VI.	Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.	
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	
	a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VII(b). Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. § 7.70) applies. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
VII.*	Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its programs or activities? (40 C.F.R. § 5.140 and § 7.95) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	a. Do the methods of notice accommodate those with impaired vision or hearing? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	c. Does the notice identify a designated civil rights coordinator? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
VIII. ^b	Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. § 7.85(a))	
	no	
IX. ^b	Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166)	
	no	
X. ^b	If the applicant/recipient is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator. n/a	
XI. ^b	If the applicant/recipient is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet address for, or a copy of, the procedures. n/a	
<p align="center">For the Applicant/Recipient</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.</p> <p>A. Signature of Authorized Official  B. Title of Authorized Official John P. McCulloch, Secretary OMIDDD C. Date Sept. 12, 2012</p>		
<p align="center">For the U.S. Environmental Protection Agency</p> <p>I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.</p> <p>A. Signature of Authorized EPA Official  B. Title of Authorized EPA Official C. Date</p>		

See 7.2 on reverse side

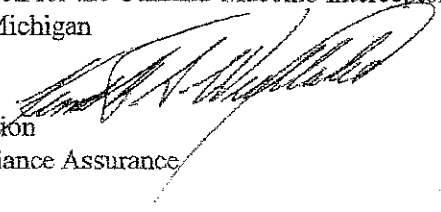
EPA Form 4700-4 (Rev. 04/2009). Previous editions are obsolete.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

MEMORANDUM

DATE: JUN 17 2013

SUBJECT: Categorical Exclusion Determination for the Oakland-Macomb Interceptor Improvements, Oakland County, Michigan

FROM: Kenneth A. Westlake
Chief, NEPA Implementation Section
Office of Enforcement and Compliance Assurance 

TO: Steffanie Crossland
State and Tribal Programs Branch
Water Division

Congress earmarked funds in U.S. EPA's FY 2010 Appropriations Act for the Oakland-Macomb Interceptor Drain Drainage District (District). The proposed project is a portion of a larger interceptor repair effort for the entire system, which collects all sanitary sewage flow from the northern and northeastern suburbs of Detroit. A comprehensive structural evaluation of the entire collection system was completed, and many portions of the systems were found in disrepair and some close to collapse. Major repairs to other portions of the system are currently underway.

Structural defects were identified that are current sources of infiltration leading to loss of soil outside the pipe and have the potential of causing sewer rupture and/or collapse, leaving approximately 20,000 people without sanitary sewage service. The proposed project consists of the repair and re-lining of approximately 14,000 feet of existing pipes in Segment PCI-11A. Temporary construction access will be via existing manholes within road rights-of-way. The proposed project is the final phase of a larger interceptor repair effort for the entire system. Service rates will not increase as a result of the proposed project.

Because this project is proposed for partial funding through U.S. EPA's budget, U.S. EPA must comply with the National Environmental Policy Act (NEPA) to inform its funding decision. Title 40 of the Code of Federal Regulations (CFR) Part 6.204 defines categorical exclusions as categories of actions that do not individually, or cumulatively over time, have a significant effect on the quality of the human environment, and that have been further identified as having no such effect. 40 CFR 6.204 identifies specialized categories of actions eligible for exclusion from the NEPA review process. These categories include actions that are solely directed toward minor

rehabilitation of existing facilities, functional replacement of existing equipment, or construction of new ancillary facilities adjacent or appurtenant to existing facilities.

Based on our review of the work plan provided by the District, we have determined that the project is a rehabilitation of existing facilities. The project has no extraordinary circumstances, as defined in 40 CFR 6.204, that would prevent the use of a categorical exclusion for this project. Therefore, the project is categorically excluded from a detailed NEPA analysis.

The project will not affect any listed species under the Endangered Species Act. The project is not expected to affect any historical or cultural resources protected by the National Historic Preservation Act (NHPA). Per a letter dated June 26, 2009 from the Michigan State Historic Preservation Office (SHPO), if the scope of work changes in any way or if artifacts or bones are discovered, the SHPO should be notified immediately.

Should the District elect to use this funding or any future earmarks for projects significantly different than those described in its Environmental Information Document signed on March 12, 2013, this categorical exclusion will have to be reevaluated.

The Water Division may proceed to process the grant for the District. Please contact me (at 312-886-2910 or westlake.kenneth@epa.gov) or Kathy Kowal (at 312-353-5206 or kowal.kathleen@epa.gov) if you have any questions.

cc: Sid Lockhart, P.E.
Oakland-Macomb Interceptor Drain Drainage District
One Public Works Drive
Waterford, Michigan 48328-1907

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Interceptor Improvements

**Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements**

PROJECT NARRATIVE WORK PLAN

Background

The Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) is an inter-county drain established under the State of Michigan Drain Code. As an inter-county drain the governance is shared by the elected officials in each county who serve in the role of Drain Commissioner and the Director of the Michigan Department of Agriculture and Rural Development (MDARD). These are Anthony Marrocco, the Macomb County Public Works Commissioner, John McCulloch, the Oakland County Water Resources Commissioner (OCWRC) and Michael Gregg representing the MDARD Director. The OMIDDD has no staff. Staff of the WRC performs technical and administrative functions for the drainage district.

The Oakland-Macomb Interceptor Drain (OMID) conveys sanitary sewage from large portions of Oakland and Macomb Counties to Detroit for eventual treatment at the Detroit Water and Sewerage Department (DWSD) wastewater treatment facility. Sanitary flows are generated from communities that are either part of the Clinton Oakland Sewage Disposal District (C-OSDS) in Oakland County or the Macomb County Wastewater Disposal District (MCWDD) in Macomb County.

The OMID was originally built by DWSD as one of a group of interceptor sewers designed to serve communities in central Macomb and northern Oakland Counties. These interceptors were put into service in 1971. The original DWSD interceptors include the Lakeshore Interceptor, the Garfield/Romeo Arm Interceptor, the 15 Mile Road Interceptor, the Oakland Arm Interceptor, the Avon Arm Interceptor and the Edison Corridor Interceptor.

Only the Oakland Arm, Avon Arm and Edison Corridor Interceptors – which convey flow from both Oakland and Macomb Counties – make up the OMID and are owned and operated by the OMIDDD.

The presence of infiltration, structural defects and the need for major rehabilitation of large portions of the OMID has been documented through detailed investigations performed by NTH Consultants, Ltd. in 2007 and 2008. Work on portions of the rehabilitation has begun on the larger, more downstream portions of the system. The portion of the system on which work under this grant will be performed is known as the Avon Arm.

The Avon Arm branches off of the Oakland Arm at Michigan highway M-59 and Utica Road. It follows M-59 westerly to Dequindre Road. At this location the interceptor ends and receives flow from Oakland County communities. The Avon Arm interceptor was constructed partially under

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DWSD contract PCI-11A and partially under a contract let by The State of Michigan Highway Department for sewer realignment due to M-59 reconstruction during the 1990s. About 2,800 feet of the current pipe was constructed under PCI-11A and about 11,200 feet by the State. The pipe in this arm of the interceptor ranges from 3 feet to 4 feet in diameter. Best available information indicates both open-cut and pipe-jacking construction methods were employed within this segment. Pipe invert elevations range between 20 and 29 feet below grade within this segment.

NTH conducted inspections throughout the system and the adjacent collection system which serves Macomb County (Romeo Arm/15 Mile Interceptor). Macomb County is addressing the structural deficiencies identified in the adjacent system at the present time. The proposed rehabilitation approach of the OMID is to proactively address the structural issues observed and to prevent the types of failure that have historically taken place along 15 Mile Road.

These in-depth inspections of the interceptor have identified a number of areas of major deterioration. They indicate numerous identified areas where significant infiltration is occurring continuously. These are often accompanied by identifiable indications of voids adjacent to the pipe where surrounding soil has been washed into the interceptor. The inspection has also identified areas where serious structural deficiencies in the pipe wall are evident.

Beyond the undesirable effects of groundwater infiltration on flow, when the infiltration carries even minute amounts of soil into the tunnel structural integrity will be compromised and collapse will be likely. This type of inflow occurs most commonly at the tunnel invert. As soil is removed from under the concrete liner there is a tendency for the tunnel to deflect downward. Since the OMI is constructed without longitudinal reinforcing steel the concrete liner has poor tensile strength and in its attempt to bend will fracture. The bending will result in more numerous and larger cracks which will allow greater soil inflow – and larger voids outside the pipe – eventually leading to collapse.

It is the intent of the OMIDDD to perform extensive rehabilitation of the OMID to return the facilities to a condition commensurate with a minimum 20-year life span.

NTH inspected OMID in 2007 and 2008, using the following methods:

The Oakland and Avon Arms were inspected using closed circuit television (CCTV), geophysical techniques (multichannel analysis of surface waves – MASW) and the drilling of test borings. CCTV inspection was performed using float mounted or tractor mounted cameras. A NTH subcontractor – Inland Waters, Inc. (IWI) – conducted the CCTV inspection in the presence of a NTH field representative.

Observations were recorded using the National Association of Sewer Service Companies (NASSCO) Pipeline Assessment Certification Program (PACP) format. All IWI and NTH field personnel, as well as NTH personnel who reviewed the CCTV recordings, are PACP certified.

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The depth at which the OMID was constructed together with the relatively high water table within the area produced conditions under which moderate to severe pipe defects could be readily identified by observing groundwater infiltration into the tunnel during the CCTV inspection.

PACP categorizes groundwater infiltration into four classifications. They are – from most to least severe – described as follows:

- Gusher – Where water enters the sewer under pressure through a defect or failed joint.
- Runner – Where water flows continuously along the pipe wall through a defect or joint.
- Dripper – Where water drips – with no continuous flow – into the pipe through a defect or joint.
- Weeper – Where water is visible on the inner surface of the pipe due to a defect or failed joint, but no dripping is noted.

Runners and Gushers are considered to be most critical due to the likelihood that fine soil material can be washed into the sewer along with the infiltration. Such loss of supporting material can lead to undermining of the pipe and eventual structural failure of the sewer.

NASSCO used historical data to develop a rating system to define the relative severity of the conditions of pipes being inspected. Two ratings are recognized in the PACP system – one for structural condition and one for O&M purposes. Structural defects include cracks, fractures, breaks, holes, deformation, collapse, joint defects, surface damage, point failures and lining failures. The O&M rating – which considers such things as sediments, roots, obstacles and vermin – is not relevant to the discussion on needed rehabilitation.

The PACP ratings – as they apply to structural evaluations – are shown below.

- Rating 1 – Excellent Condition – Only minor defects, if any present – Failure is unlikely in the foreseeable future.
- Rating 2 – Good Condition – Defects are present but no deterioration has begun – Failure unlikely for at least 20 years.
- Rating 3 – Fair Condition – Moderate defects are present that will worsen – Failure can be expected in 10 to 20 years.
- Rating 4 – Poor Condition – Severe defects are present – Failure in less than 10 years is likely.
- Rating 5 – Pipe has failed or is likely to fail within 5 years.

Numerous areas with ratings of 4 and 5 were identified. These represent areas where failure can be expected to occur within 10 years without appropriate short-term rehabilitation. Also identified were a large number of areas with ratings of 3 which have less than 20 years of expected service prior to potential failure. Summarized below are the structural deficiencies identified within the Avon Arm segment.

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The Avon Arm – M-59 & Utica Rd to Dequindre Rd and M-59 – is 14,170 feet in length. It consists of 35 reaches of precast concrete sewer pipe of varying size (36", 42" and 48").

The following observations were made during the CCTV inspection of the Avon Arm:

- PACP Condition 5 – due to gushing infiltration was observed at **1 location**.
- PACP Condition 5 – due to severe scaling including visible reinforcement was observed in **4 locations**.
- PACP Condition 5 – due to severe scaling including protruding reinforcement was observed at **1 location**.
- PACP Condition 4 – due to bends in the sewer greater than 20 degrees was identified at **15 locations**.
- PACP Condition 4 – due to high water marks at or greater than the spring line of the pipe was observed in **23 reaches**.
- PACP Condition 4 – due to running infiltration was identified at **7 locations**.
- PACP Condition 4 – due to severe scaling including missing aggregate was observed in **2 continuous sections** 13 and 5 feet in length as well as at **1 manhole**.
- PACP Condition 4 – due to multiple fractures was identified at **2 locations**.
- PACP Condition 3 – due to dripping infiltration was observed at **54 locations**.
- PACP Condition 3 – due to multiple localized cracks was observed at **2 locations** and in **1 continuous section** 20 feet in length.
- PACP Condition 3 – due to diagonal cracks was observed in **2 locations**.
- PACP Condition 3 – due to medium to severe scaling including projecting and visible aggregate was observed at **63 locations**.
- PACP Condition 3 – due to mortar missing from pipe joints at **79 locations**.

Preliminary estimates on potential rehabilitation costs for the Avon Arm approach \$3,000,000. The OMIDDD will select a design consultant to investigate alternative methods for repair/rehabilitation, assist OMIDDD in selecting the optimal approach and prepare plans and specifications for the work. Based on this effort, a decision will be made as to whether a single construction contract or multiple contracts will be used for construction.

For the purposes of this grant application we have assumed that two construction contracts (phases) will be let. Grant funding will be requested to cover design and construction of Phase One.

Scope of Work

Task 1: Select Design Consultant

Acting on behalf of the OMIDDD, the Oakland County Water Resources Commissioner's (OCWRC) staff will prepare a Request for Qualifications for consulting services to assist with the

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evaluation design and construction oversight of improvements to the Avon Arm of the OMID. The consultant will be selected based on qualifications. Criteria will include knowledge of the OMID, prior experience in sanitary sewer rehabilitation, familiarity with new and emerging technologies for sewer rehabilitation, and ability to complete the assignment in a timely manner.

Task 2: Confirm Preliminary Evaluation

OCWRC Staff and the selected consultant will review the inspection reports prepared by NTH in 2007 and 2008. Field verification of current conditions – over 4 years after the original inspection – will be performed. Substantive changes to pipeline conditions will be noted. Changes in the severity of infiltration and inflow or the structural condition will be recorded. A revised condition assessment will be prepared.

Task 3: Evaluate Remedial Technologies

Various methods have been historically used to deal with infiltration and structural issues in sanitary sewers. While many of these have been quite successful others have had limited success. It is key that the remedial approach be selected based on pipe material, pipe structural integrity and local considerations.

Pipe condition, severity of degradation, minimum and maximum flow volumes [levels], the ability to fully retain flow, and the amount of time flow can be stopped all effect the methods that can be employed for sewer pipe rehabilitation. NTH reviewed a number of methods available for repairing various portions of the OMID and presented the results in their evaluation reports. Below are relevant excerpts from the discussions on the following repair methods:

1. Cured-in-Place Pipe (CIPP) Liner
2. Sliplining
3. Panel Lining
4. Spiral Wound Pipe
5. Localized Repairs
6. Cementitious Mortar Coating / Shotcrete

CIPP Liner

Installation of CIPP liner involves the insertion of a resin-impregnated fabric tube into an existing sewer using water, air inversion, or winching techniques. Once the pipe is installed and expanded to meet the existing inside of the pipe, the resins are cured with the introduction of heated water, steam or ultraviolet light. This method of lining has been available in the United States for approximately 30 years.

During the installation and curing process, flow in the sewer must either be stored or by-passed around the work area. Literature indicates that this method is applicable for pipe diameters ranging from 4 inches to 108 inches (9 feet). Connections from laterals or other sewers have to be re-opened once the CIPP

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liner cures and the end sections of the liner must be sealed to prevent water from being forced behind the liner. While there is some loss in the pipe cross section from the new liner, the manufacturer's literature indicates that the CIPP has reduced friction factor that somewhat mitigates the reduction in cross section. As such, lined pipes typically have a flow capacity similar to non-lined pipes.

The principle concerns associated with the use of the CIPP liners are the curing of the liner and the removal of the ends of the liner within anticipated work windows. Based on published literature, it appears that the physical installation of the liner for the longest individual reach within the OMID to be lined could be installed in approximately half an hour. With respect to curing, current literature indicates that steam and UV curing is available which reportedly significantly reduces the time required for curing as compared to the use of hot water. The CIPP liner is designed to provide structural capacity in addition to protection to the concrete liner from hydrogen sulfide related deterioration.

Sliplining

The SL process is one of the oldest and simplest forms of relining/restoration methods, having been performed for over 60 years. The SL process involves inserting a new smaller diameter pipe into the existing pipe; however, the reduction in pipe cross section is greater than that observed using a CIPP liner. In addition, the annular space between SL and the original pipe must be filled with grout. The SL pipe may be continuous or segmental depending on the type of liner pipe selected. Concrete, glass fiber reinforced polymer pipe, and some plastic pipe are examples of segmental liners. HDPE and PVC liners may be placed as continuous pipe by fusion welding the individual pipe sections together to create a single pipe.

In order to perform SL, an access shaft is required to insert the liner. The number of shafts required for insertion of a SL is a function of the bends that the liner is required to traverse.

Literature indicates that SL is applicable for use in pipe up to diameters ranging from 4 inches to 160 inches (13 feet, 4 inches). The published literature indicates that continuous SL's have a maximum diameter of approximately 60 inches. Larger diameter SL's can use glass fiber reinforced or reinforced concrete pipe up to 102 inches in diameter, and reinforced concrete pipe up to diameters ranging from 102 inches to 160 inches.

The ability of SL to stop groundwater seepage is a function of the rate of seepage and the type of grout utilized to fill the annular space between the liner and the parent pipe. For running or gushing leaks, consideration should be given to sealing these leaks prior to inserting the SL. In order to reestablish

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connections with other sewer lines or laterals, the connections need to be excavated and exposed or located within a manhole structure.

Panel Lining

Panel lining is considered a modified version of the sliplining process. The use of a panel lining system requires a sewer large enough for a man to enter, and the construction of a shaft of sufficient size to permit the lowering of the panels into the sewer. The sewer is lined by erecting individual panels to form a completed liner. The annular space between the panel and the original pipe is then grouted. Flows have to be sufficiently lowered in the sewer to permit the work. The panels can be lowered through a standard manhole, provided that there are no landings in place.

Spiral Wound Pipe

Like panel lining, spiral winding is a modified version of sliplining. In this process, the sewer is lined with an interlocking PVC sheet. The annular space between the spiral winding and the PVC sheet is filled with a cementitious grout. The spiral winding process uses the energy from the flowing water in the sewer to join and expand the PVC or HDPE sheets. However, low flows are required while the liner is installed. The literature indicates that this type of liner is suitable for sewers ranging in diameter from 6 inches to 108 inches (9 feet).

Localized Repairs

Localized repairs can consist of modified versions of either CIPP or SL lining systems or may also consist of grouts or coatings. The reduction in pipe cross section, and therefore corresponding reduction in capacity, depends on the type of localized repair. Regardless of the thickness of the localized repairs on the hydraulics of a sewer is generally minimal because of the limited length in repair. Likewise, the localized repairs will only stop groundwater seepage at the point of the repair; CIPP and SL localized repairs may have to be supplemented with grouting to stop groundwater leakage. Grout may seal a current leak; however, after sealing one location, the leak may migrate to the next most susceptible area.

For small diameter pipe, grout is placed through the use of some form of a robot. For larger diameter pipe, the grout may be placed by man entry. In a large diameter sewer, workers create grout ports through a sewer liner and inject either a cement based or a chemical grout. The cement grout may consist of neat Portland Cement, micro-fine cement, a mixture of Portland Cement and a pozzolan such as fly ash, or in some cases a mixture of cement, water, and aggregate. Chemical grouts may consist of urethane based grouts that react with water to form foam, epoxy grouts that chemically bond to the sides of the crack, or acrylamide grout forms a waterproof gel.

EPA Region 5 SAAP FY 2010 Grant Application
Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements

The proposed Phase One construction contract will be publicly advertised, and bids received by the OCWRC on behalf of the OMIDDD. Bid packages will be checked to assure that the contractor meets all Federal requirements. All bid packages will be reviewed to determine if all technical and financial requirements have been met. Consultant and OCWRC staff will verify contractor's references and other requirements. The contract will be awarded to the lowest responsible bidder.

Task 6: Construct Improvements

The selected contractor will mobilize on site and procure materials required for the Phase One restoration. OCWRC staff, with consultant assistance, will verify that materials meet the specifications and that contractor processes and procedures will successfully fulfill the contract requirements. The contractor's schedule will be reviewed and OCWRC staff will assure that work progresses in a timely manner. Subcontract, wage rates and other requirements will be verified.

Specific remedial efforts to be performed under the contract will be determined during the design task. However it is anticipated that between 30% and 40% of the required repairs needed on the Avon Arm will be undertaken and completed within Phase One.

Schedule

It is anticipated that Selection of the Design Consultant can begin within 6 to 8 weeks of receipt of grant award. Once a consultant is under contract, the field work, technology assessment, and design should be completed within 3 months. It is estimated that Phase One construction will be completed within approximately 16 months of grant receipt.

The following is a proposed schedule for the work to be performed under this grant.

Estimated Project Schedule

Months After Inception

[illegible]

EPA Region 5 SAAP FY 2010 Grant Application
Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements

The use of chemical grouts offers flexibility in placement not available from cement grouts.

Chemical grouts may be used to seal running and gushing leaks several hundred feet from an access manhole. However, chemical grouts are not cost effective for filling large voids. If a large void is encountered, consideration should be given to the use of cement grouting. If cement grouting is not feasible, consideration should be given to the use of another form of localized repair.

Cement based grouts may be injected from the ground surface. However, the concern with surface injection is the potential for collapsing the sewer or tunnel at the point of injection. One method used to mitigate this potential is to place this grout by gravity only.

Cementitious Mortar or Shotcrete

Shotcrete is mortar or concrete that is projected pneumatically at high velocities onto a surface. There are two different application processes- wet-mix and dry mix. Both procedures produce the same outcome, but the applications for both differ slightly. Wet-mix uses cement, sand, aggregate, admixtures, and water. It combines all of the ingredients before it is introduced to air from a pneumatic sprayer. Dry-mix, however, uses cement, damp sand, and aggregate which are delivered through a hose. When the mixture gets to the nozzle, pressurized water and air are introduced.

Because shotcrete adheres well to varying types of surfaces, it is frequently used in tunnel construction and pipe installation, sewer rehabilitation and repair.

Task 4: Prepare Plans and Specifications

Based upon the confirmation of field conditions and the evaluation of technologies, one or more method for rehabilitating the Avon Arm will be selected. Given the variety of conditions identified within the area, more than one technology may be selected for implementation. A decision will be made as to whether it would be more beneficial to let the work under one or more than one construction contract. For the purposes of this Grant Application it will be assumed that two or more contracts (phases) will be awarded for the construction activities. The budget has been prepared to cover Phase One construction efforts.

The Consultant will select the appropriate remedial methods for each segment of the Avon Arm that needs repair. The engineer may be asked to consider newer emerging technologies if they seem appropriate for the problems identified within the Avon Arm. The technical requirements will be developed into engineering drawings and technical specifications appropriate for contractors to review and submit bids on.

As required, the engineer will assist OMIDDD in obtaining any State and local permits that may be needed for construction.

Task 5: Select Contractor

EPA Region 5 SAAP FY 2010 Grant Application
Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements

Budget

We have prepared the following budget for Phase One of the Avon Arm rehabilitation. It covers all work to be performed under the grant funding. The total Phase One effort is estimated to require \$ 980,000 in funds. We anticipate \$ 485,000 in grant funding. And, the inter-county drain will provide \$ 495,000 in cash matching funds. Labor costs were estimated based on OCWRC hours and rates. Work may be performed by either OCWRC or MCPWD staff within the same budgeted amount.

**Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements**

July, 2012

Estimated Cost by Task

T A S K		Total	Staff	Consultant	Contractor
Task 1	Select Design Consultant	\$ -	\$ -		
Task 2	Confirm Preliminary Evaluation	\$ -	\$ -	\$ -	
Task 3	Evaluate Remedial Techniques	\$ -	\$ -	\$ -	
Task 4	Prepare <u>Phase One</u> Plans and Specifications	\$ -	\$ -	\$ -	
Task 5	Select Contractor	\$ -	\$ -	\$ -	
Task 6	Construct <u>Phase One</u> Improvements	\$ 980,000	\$ -	\$ -	\$ 980,000
TOTAL COST		\$ 980,000	\$ -	\$ -	\$ 980,000
Budget		\$ 980,000			
Grant Amount		\$ 485,000	49.5%		
Match Amount		\$ 495,000	50.5%		

Below, the budget illustrates that all funding is being used for construction costs.

**Oakland-Macomb Interceptor
Drain Drainage District
Interceptor Improvements**

June, 2012

Category Cost Breakdown

PERSONNEL	\$ -
FRINGE	\$ -
TRAVEL	\$ -
EQUIPMENT	\$ -
SUPPLIES	\$ -
CONTRACTUAL	
CONSTRUCTION	\$ 980,000
OTHER [design]	\$ -
TOTAL DIRECT CHARGES	\$ 980,000
INDIRECT CHARGES	\$ -
TOTAL	\$ 980,000
Anticipated Grant funds	\$ 485,000
Local Match	\$ 495,000

Oakland-Macomb Interceptor Drainage District
Summary Schedule - Rev 1/8/13

Segment 2 - NE PSI modifications, PCI-5 Grout & Repairs, PCI-6 Strip & Replace, PCI-7 Grout & Repairs, PCI-8 Grouting

Segment 3 - PCI-5 Striping/Spiral Winding, PCI-7 Bypass, PCI-7 Partial Striping, PCI-8 Rehab

Currently Non-SRF Eligible Items - PCI-9 Temp. Fix and Rehab, PCI-10A/B Rehab, PCI-11A Rehab

Notes: Design of some of this work is complete. Most of this is independent of other Segments, except for the PCI-5 portion. May re-apply for SRF funding.

EPA Region 5 SAAP FY 2010 Grant Application
Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements

Oakland County Water Resources Commissioner's staff costs have been developed based on labor rated applied to estimated levels of effort by payroll grade. They are shown below.

Oakland-Macomb Interceptor Drain Drainage District
Interceptor Improvements
July, 2012

OCWRC Cost Development

Employee Classification	hourly rate	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6
		hours dollars	hours dollars	hours dollars	hours dollars	hours dollars	hours dollars
Manager		4 \$197.00		4 \$197.00		4 \$197.00	4 \$197.00
Chief Engineer		8 \$368.16	4 \$184.08	4 \$184.08	4 \$184.08	4 \$184.08	40 \$1,840.80
Assistant Chief Engineer		40 \$1,736.40	20 \$868.20	40 \$1,736.40	40 \$1,736.40	40 \$1,736.40	40 \$1,736.40
Eng'g Systems Coordinator			40 \$1,232.80	40 \$1,232.80	40 \$1,232.80		
Supv-Inspection Services				40 \$1,326.80	40 \$1,326.80		80 \$2,654
Construction Inspector							480 \$10,692.00
hours:		52	64	128	124	48	644
Total Raw Salary	\$ 32,981	\$ 2,302	\$ 2,285	\$ 4,677	\$ 4,480	\$ 2,117	\$ 17,120
Raw plus Fringe and Indirect	\$ 65,458	\$ 4,568	\$ 4,535	\$ 9,283	\$ 8,892	\$ 4,203	\$ 33,978
Expenses	\$ 9,541	\$ 432	\$ 465	\$ 717	\$ 1,108	\$ 797	\$ 6,022
Total	\$ 74,999	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 40,000



Anthony V. Marrocco

Public Works Commissioner
Macomb County

October 2, 2012

United States Environmental Protection Agency
Ralph Metcalfe Federal Building
77 West Jackson Blvd
Chicago, IL 60604-3590
Attn: Ms. Barbara Cash, Project Officer

RECEIVED

OCT 05 2012

Water Resources
Commissioner

Subject: FY 2010 STAG; Oakland-Macomb Interceptor Drain Drainage District

Dear Ms. Cash:

As part of a settlement of litigation between the Detroit Water & Sewerage Department (DWSD) and Oakland, Macomb and Wayne Counties, DWSD has relinquished jurisdiction of the Oakland Arm, Avon Arm and Edison Corridor Interceptors ("sewer system"). The sewer system has been acquired and established as an Inter-County Drain, under the provisions of Chapter 21 of the Michigan Drain Code of 1956, as amended (Michigan Compiled Laws, Sections 280.511, et seq.) for the rehabilitation, and continued operation and maintenance of this system. This Chapter 21 Inter-county Drain is known as **Oakland-Macomb Interceptor Drain Drainage District (OMIDDD)**.

As an inter-county drain, the OMIDDD is governed by a three-member Drainage Board comprised of the Director of the Michigan Department of Agriculture and Rural Development (MDARD) (Chairperson), the Oakland County Water Resources Commissioner (Secretary), and Macomb County Public Works Commissioner (Board Member). The OMIDDD has no staff. Staff of the Oakland County Water Resources Commissioner performs technical and administrative functions for the drainage district.

The FY 2010 Special Appropriations Act included a line item (#145) on the Special Water and Wastewater Infrastructure Projects (STAG) list for funding to "Oakland/Macomb County Drainage District for Interceptor Improvements."

As official representative of Macomb County I concur with the OMIDDD in the application for this grant funding and the eventual receipt, management and expenditure of grant funds as described in the application.

Sincerely,

Anthony V. Marrocco,
Macomb County Public Works Commissioner

Cc: Michael Gregg, Chairperson, OMIDDD Drainage Board
John P. McCulloch, Oakland County Water Resources Commissioner

OFFICE LOCATION: 21777 Dunham Road, Clinton Township, MI 48035 • Phone: 586-469-5325 • Fax: 586-469-5933

MAILING ADDRESS: P.O. Box 806, Mount Clemens, MI 48046-0806

ENGINEERING: • Phone: 586-469-5910 • Fax: 586-469-7693 • SOIL EROSION: • Phone: 586-469-5327 • Fax: 586-307-8264

Cash, Barbara

From: Parrott, Jeff [parrottj@oakgov.com]
Sent: Wednesday, September 18, 2013 2:54 PM
To: Cash, Barbara
Cc: Lockhart, Sid
Subject: RE: Oakland-McComb Application

Good afternoon Barbara,

The specs for the proposed grant funded portion of the OMID project have been uploaded to our FTP site for your use. You can access this as follows:

Open Windows Explorer and type the following address: <ftp01.co.oakland.mi.us>

To login you will need the following information: Username – draintemp
[REDACTED] (please note password is case sensitive)

I've created a folder named "OMID EPA Grant Information." The specs have been placed in this folder. I will attempt to add the plans tomorrow morning.

Please note that these will be available on the FTP site until 5:30 pm this Friday. Contact me if you have any questions or need assistance.



Jeffrey S. Parrott
One Public Works Drive, Bldg. 95 West
Waterford, MI 48328-1907
Office Number: 248-452-2162
Fax Number: 248-858-1066
E-mail: parrottj@oakgov.com



Please consider the environment before printing this e-mail.

From: Cash, Barbara [mailto:cash.barbara@epa.gov]
Sent: Tuesday, September 17, 2013 2:54 PM
To: Parrott, Jeff
Subject: RE: Oakland-McComb Application

Jeff: My Supervisor doesn't like the changes wants to discuss changing it back but without the indirect costs. Give me a number and we will call you.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746

312-692-2993 Fax

From: Parrott, Jeff [<mailto:parrotti@oakgov.com>]
Sent: Tuesday, September 17, 2013 11:04 AM
To: Cash, Barbara
Subject: RE: Oakland-McComb Application

Barbara,

The revised form is attached.

Thanks again!
Jeff

From: Cash, Barbara [<mailto:cash.barbara@epa.gov>]
Sent: Tuesday, September 17, 2013 11:58 AM
To: Parrott, Jeff
Subject: RE: Oakland-McComb Application

Jeff:

Your budget on the workplan lists total Federal Share as \$485,100. Please make it 485,000.

That's the only change.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

From: Parrott, Jeff [<mailto:parrotti@oakgov.com>]
Sent: Tuesday, September 17, 2013 9:00 AM
To: Cash, Barbara
Cc: Lockhart, Sid
Subject: RE: Oakland-McComb Application

Hi Barbara,

Per our earlier conversation, attached is a scan of the revised page 10 of the work plan. Let me know if this is acceptable.

Thank you for all your help with this.

Jeff

From: Cash, Barbara [<mailto:cash.barbara@epa.gov>]
Sent: Tuesday, September 17, 2013 9:07 AM

To: Parrott, Jeff
Subject: RE: Oakland-McComb Application

Jeff:

The workplan needs to reflect that the Federal Funds will be utilized only for construction. The Category cost breakdown should also reflect this. The budget states that \$905,000 is for construction and 75,000 for administrative and legal services. If these services were not procured via RFQ/RFP for this project, these costs should also be removed and placed in construction. The Cost Development (employee classification, etc, should also be removed. The only costs should be in construction.

I know this is fast, but I need the re-worked workplan back today, as soon as possible. I am trying to get the grant awarded prior to the 10/1/13 date. If you have any questions, please give me a call.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

From: Parrott, Jeff [<mailto:parrottj@oakgov.com>]
Sent: Friday, September 13, 2013 1:35 PM
To: Cash, Barbara
Cc: Lockhart, Sid
Subject: RE: Oakland-McComb Application

Hi Barbara,

Here are the revised Milestones according to our current schedule:

Select design consultant	December, 2013
Confirm Preliminary Evaluation	February 2014
Evaluate remedial techniques	March 2014
Prepare Phase One plans and specifications	February-June 2014
Select Contractor	August 2014
Construct Phase One Improvements	October 2014 - December 2016

I have attached the revised work plan per your previous comments. This work plan also includes recent changes that incorporate the \$155,000 previously shown for "Architectural and engineering fees" to the "Construction" item. This results in the revised "Construction" item to total \$905,000. The revised Form 424C to show these revisions is also attached for your files.

Jeff: We need a new start date for the grant. Since the grant has not been awarded yet, I would like to make the start date 10/1/13 with an end date of 4/1/14.

If this is acceptable to you, please send me an e-mail stating that these dates are acceptable.

Barbara: The start date mentioned above is fine. However, please extend the end date to 3/1/16. Please see the scan of our schedule attached.

Thank you for your assistance!

Jeff

From: Cash, Barbara [<mailto:cash.barbara@epa.gov>]

Sent: Tuesday, September 10, 2013 12:17 PM

To: Parrott, Jeff

Subject: RE: Oakland-McComb Application

Jeff, we need one more change to the application, this time to the work plan. We need to change the budget pages (10-11) to reflect the revised budget figures on the budget information form. I am attaching the schedule I have proposed for your milestones. Please review it and if it needs changing, please do so.

Thanks

Milestones:

Select design consultant	November, 2013
Confirm Preliminary Evaluation	February 2014
Evaluate remedial techniques	February 2014
Prepare Phase One plans and specifications	May 2014
Select Contractor	June 2014
Construct Phase One Improvements	July 2014 - February 2015

Barbara Cash

Project Officer, IL, MI, and WI

U.S. EPA, Region 5

Water Division - WS15J

77 West Jackson Blvd.

Chicago, IL 60604

312-886-6746

312-692-2993 Fax

From: Parrott, Jeff [<mailto:parrottj@oakgov.com>]

Sent: Wednesday, September 04, 2013 7:54 AM

To: Cash, Barbara; Sykes, Karen

Cc: Lockhart, Sid

Subject: RE: Oakland-McComb Application

Good morning Barbara/Karen,

It appears that the \$9,541 is approximately [REDACTED] of our labor costs. Therefore, we would like to move these to administrative & legal expenses. The revised SF424C form is attached that reflects this change. Also, the date that the application was submitted under Executive Order 12372 for review was 8/27/2013 (as shown on page two of the attached SEMCOG Application). It was submitted previous to this date. However, SEMCOG was unable to locate this information from the previous submittal. Let us know if you need anything additional.

Thank you,

Jeffrey S. Parrott

One Public Works Drive, Bldg. 95 West

Waterford, MI 48328-1907

Office Number: 248-452-2162

Fax Number: 248-858-1066

E-mail: parrottj@oakgov.com



Please consider the environment before printing this e-mail.

From: Cash, Barbara [<mailto:cash.barbara@epa.gov>]
Sent: Tuesday, August 20, 2013 3:30 PM
To: Parrott, Jeff
Subject: RE: Oakland-McComb Application

No – we can no longer do contingencies. They would be better described as administrative and legal expenses or miscellaneous.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

From: Parrott, Jeff [<mailto:parrott@oakgov.com>]
Sent: Tuesday, August 20, 2013 1:56 PM
To: Cash, Barbara
Cc: Lockhart, Sid
Subject: RE: Oakland-McComb Application

Hi Barbara,

I spoke with Sid this afternoon and he believes that these costs are comprised of cell phone, pc and vehicle usage. He was asking if these costs could be moved to "Contingencies." Would this be possible?

Jeff

From: Cash, Barbara [<mailto:cash.barbara@epa.gov>]
Sent: Thursday, August 15, 2013 9:10 AM
To: Parrott, Jeff
Subject: RE: Oakland-McComb Application

Jeff: I need clarification on the \$9,541.00 in equipment charges. If this is equipment that Oakland-McComb is purchasing directly, I will need to know what it is. If, however, this is equipment which will be purchased on your behalf (such as by the Construction company to install and to be used exclusively within the project, then it should not be counted as equipment, but included in the construction costs. Let me know.

Thanks

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

From: Parrott, Jeff [<mailto:parrottj@oakgov.com>]
Sent: Wednesday, August 14, 2013 9:48 AM
To: Cash, Barbara
Cc: Lockhart, Sid
Subject: RE: Oakland-McComb Application

Good Morning Barbara,

Please review the revised SF424C form attached and provide any comments that you have.

Thank you,

Jeffrey S. Parrott
One Public Works Drive, Bldg. 95 West
Waterford, MI 48328-1907
Office Number: 248-452-2162
Fax Number: 248-858-1066
E-mail: parrottj@oakgov.com



Please consider the environment before printing this e-mail.

From: Cash, Barbara [<mailto:cash.barbara@epa.gov>]
Sent: Thursday, August 08, 2013 2:38 PM
To: Parrottj@oakgov.com
Subject: FW: Oakland-McComb Application

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

From: Cash, Barbara
Sent: Thursday, August 08, 2013 1:31 PM
To: Parrottj@oakgov.com
Subject: Oakland-McComb Application

Because your application contains personnel and fringe, you must submit the approved indirect cost rate agreement, detail the supply costs (9,541); and the SF424CF budget does not sync with the information given. The SF424C should show 9,541.00 in miscellaneous, 155,000 in design costs and recipient salary of 65,459 fringe, and overhead on line 1. Also we need to know the date the application was submitted for review under Executive Order 12372

If you have any questions, please let me know.

Once I have this information, I can begin to prepare the award document.

If you have any questions, please let me know.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS151
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

***** ATTACHMENT NOT DELIVERED *****

This Email message contained an attachment named
image001.jpg

which may be a computer program. This attached computer program could
contain a computer virus which could cause harm to EPA's computers,
network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced
into the EPA network. EPA is deleting all computer program attachments
sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you
should contact the sender and request that they rename the file name
extension and resend the Email with the renamed attachment. After
receiving the revised Email, containing the renamed attachment, you can
rename the file extension to its correct name.

For further information, please contact the EPA Call Center at
(866) 411-4EPA (4372). The TDD number is (866) 489-4900.

***** ATTACHMENT NOT DELIVERED *****

Cash, Barbara

From: Galvin, Krista
Sent: Friday, September 06, 2013 7:49 AM
To: Cash, Barbara
Cc: Sykes, Karen
Subject: RE: Administrative Issues: XP-00E10228-0, Oakland-Macomb IDDD

Hi Barbara,

Based on the revisions received 9/4/13, the application issues as noted below are resolved, however, the recipient did not update the detailed budget on pages 10-11 of their workplan. They will need to update it to remove indirect costs and move supplies to administrative/legal expenses. Please note that the budget and cost review will need to be updated in the FR.

Thanks,

Krista Galvin
312-353-4872

From: Galvin, Krista
Sent: Wednesday, August 28, 2013 8:22 AM
To: Cash, Barbara
Subject: RE: Administrative Issues: XP-00E10228-0, Oakland-Macomb IDDD

Hi Barbara,

I have finished reviewing the FR and have the following comments:

A16 Delegation: Should be 1-102

A19-22 Dates: The project dates on the SF424 are 8/1/13-12/31/14 but the FR says 9/1/13-3/31/15. Did the recipient request new project dates and provide a revised project timeline for the additional 2 months in the project period?

A23 Proj Description: There is a typo in the word "rupture."

B1a Justification: Please specify who benefits (public is too broad) and indicate how this award supports the recipient's own environmental goals.

B17b: Should be Oakland County rather than "statewide"

Budget Table: Are the administrative expenses inclusive of indirect costs?

Do you have a revised budget from the recipient? I note that supplies have moved to equipment.

Please revise budget table to match SF424C received on 9/4/13

E8 Equipment Disposition should be answered yes if the recipient is purchasing equipment.

Cost Review Form: Please update the project dates and application number (should be XP00E10228)

Term and conditions: Please update the Food and Refreshments term to the most recent version (4/12) and add the Electronic and Information Technology Accessibility term.

Thanks,

Krista Galvin
312-353-4872

From: Galvin, Krista
Sent: Wednesday, July 31, 2013 11:04 AM
To: Cash, Barbara
Cc: Sykes, Karen
Subject: Administrative Issues: XP-00E01228-0, Oakland-Macomb IDDD

Hi Barbara,

Application #XP-00E01228-0 for the Oakland-Macomb Interceptor Drain Drainage District is under review and I have completed the first part of the national grants specialist checklist. Listed below are the issues that have to be addressed prior to funding.

Due to directives from headquarters, it is mandatory for grants specialists to review project officer funding recommendations as part of the administrative review. Please make me a "reader" on the draft funding recommendation (FR). Send me an **email notification by hitting 'Workflow' then 'Readers'** when you are ready for me review it so that I may complete the second part of the grants specialist administrative check list. This should be done prior to sending the FR through the approval process within your division.

Please remember that grant specialists are allowed **5 business days** to review the draft FR upon receiving your email notification. While you are waiting for my review, please proceed with the finalization of the commitment notice. If I fail to respond within that timeframe, you may proceed with division approval but do keep in mind that any final FRs that are determined to be *administratively deficient*, will be returned to you, thus delaying the funding process.

If you have any questions, please do not hesitate to contact me. Thanks.

Issues regarding application BF-00E10228-0:

1. Application Issues (i.e.-missing forms, certifications, etc.)

SF424: The recipient did not provide a date when the application was provided for review under EO 12372 (Field 19a). Please ask the recipient to provide this date.

Resolved 9/4/13, date provided

2. Workplan Issues

No issues

Additional workplan questions to consider:

- a) Does the workplan include deliverables and milestones within the project period? Yes
- b) Is there a program/project time schedule? Yes
- c) Does the applicant fully address and justify the work to be funded? Yes

3. Budget Issues

Detail Budget (pg. 10):

Supplies (\$9,541): Please ask the recipient to provide a breakdown of supply costs so that we can determine whether these costs are allowable, allocable and reasonable.

Resolved 9/4/13, supply line item removed

Indirect costs (\$10,224): The recipient did not provide their indirect cost rate agreement. The recipient needs to provide a copy of their federally negotiated rate agreement so that we can verify the rate/base calculations.

Resolved 9/4/13, indirect cost line item removed

SF424C: This budget does not sync with the detail budget provided on pages 10 and 11. I would expect to see the \$9,541 in supply expenses on the miscellaneous line (line 11), \$155,000 for contractual design costs either on line 4 or 5, and the \$65,459 for recipient salary, fringe and overhead on line 1.

Resolved 9/4/13, revised SF424C received

Need revised detailed budget to match

4. Funding Rec Issues

Not available

Krista Galvin, Grants Management Specialist

U.S. Environmental Protection Agency, Region 5 | Acquisition and Assistance Branch

77 W. Jackson Boulevard, MC-10J | Chicago, IL 60604

Tel (312) 353-4872 | Fax (312) 697-2698 | Galvin.Krista@epa.gov

Cash, Barbara

From: Cash, Barbara
Sent: Thursday, August 01, 2013 12:24 PM
To: "Lockhart, Sid"
Subject: RE: Oakland County - Evergreen Farmington and Clinton Oakland Sewerage Disposal System
-- Grant #XP-00E59701 - Final Documentation

Sid: Because your application contains personnel and fringe, you must submit the approved indirect cost rate agreement, detail the supply costs (9,541); and the SF424CF budget does not sync with the information given. The SF424C should show 9,541.00 in miscellaneous, 155,000 in design costs and recipient salary of 65,459 fringe, and overhead on line 1.

Once I have this information, I can begin to prepare the award document.

If you have any questions, please let me know.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993-Fax

From: Lockhart, Sid [<mailto:lockharts@oakgov.com>]
Sent: Thursday, March 28, 2013 10:36 AM
To: Callahan, Adrienne
Cc: Parrott, Jeff; Cash, Barbara; "Phillip Sanzica"; Glenn Appel; Garrison, Jacy Lyn
Subject: Oakland County - Evergreen Farmington and Clinton Oakland Sewerage Disposal System - Grant #XP-00E59701
- Final Documentation

Ms. Callahan,

Please find our final documentation attached for the above referenced grant. If you need anything further, please let Jeff & know. These documents and a final technical report for the project are in the process of being sent to Mrs. Barbara Cash as well.

Thank you all for your assistance with our projects and hopefully we can work together again in the near future.

Sincerely,

Sid Lockhart, P.E.
Assistant Chief Engineer

Oakland County Water Resources Commissioner's Office
One Public Works Drive
Waterford, MI 48328

Office: 248-858-1082
Fax: 248-858-1066

Cash, Barbara

From: Cash, Barbara
Sent: Thursday, August 01, 2013 12:25 PM
To: 'Lockhart, Sid'
Subject: RE: EPA Grant Application - OMID Future Improvement Project
Attachments: Barbara Cash.vcf

Also we need to know the date the application was submitted for review under Executive Order 12372.

Barbara Cash
Project Officer, IL, MI, and WI
U.S. EPA, Region 5
Water Division - WS15J
77 West Jackson Blvd.
Chicago, IL 60604

312-886-6746
312-692-2993 Fax

From: Lockhart, Sid [<mailto:lockharts@oakgov.com>]
Sent: Monday, July 08, 2013 9:01 AM
To: Cash, Barbara
Cc: 'Philip Sanzica'; Glenn Appel; 'Michael' 'McMahon'; PeteWebster@Dickinson-Wright.com; colaianne@oakgov.com; 'Barnes, Megan'
Subject: EPA Grant Application - OMID Future Improvement Project

Barbara,

Here is the completed EPA application that signed by OMID's authorized representative Jim Nash. There are a lot of blank fields that we think are not relevant to our application but if any need to be filled out kindly let us know.

Thank you again for your help with our grant process,

Sid Lockhart, P.E.
Assistant Chief Engineer

Oakland County Water Resources Commissioner's Office
One Public Works Drive
Waterford, MI 48328

Office: 248-858-1082
Fax: 248-858-1066

Cash, Barbara

From: Galvin, Krista
Sent: Wednesday, July 31, 2013 11:04 AM
To: Cash, Barbara
Cc: Sykes, Karen
Subject: Administrative Issues: XP-00E01228-0, Oakland-Macomb IDDD

Hi Barbara,

Application #XP-00E01228-0 for the Oakland-Macomb Interceptor Drain Drainage District is under review and I have completed the first part of the national grants specialist checklist. Listed below are the issues that have to be addressed prior to funding.

Due to directives from headquarters, it is mandatory for grants specialists to review project officer funding recommendations as part of the administrative review. Please make me a "reader" on the **draft** funding recommendation (FR). Send me an **email notification by hitting 'Workflow' then 'Readers'** when you are ready for me review it so that I may complete the second part of the grants specialist administrative check list. This should be done prior to sending the FR through the approval process within your division.

Please remember that grant specialists are allowed **5 business days** to review the draft FR upon receiving your email notification. While you are waiting for my review, please proceed with the finalization of the commitment notice. If I fail to respond within that timeframe, you may proceed with division approval but do keep in mind that any final FRs that are determined to be *administratively deficient*, will be returned to you, thus delaying the funding process.

If you have any questions, please do not hesitate to contact me. Thanks.

Issues regarding application BF-00E01228-0:

1. Application Issues (i.e.-missing forms, certifications, etc.)

SF424: The recipient did not provide a date when the application was provided for review under EO 12372 (Field 19a). Please ask the recipient to provide this date.

2. Workplan Issues

No issues

Additional workplan questions to consider:

- a) Does the workplan include deliverables and milestones within the project period? Yes
- b) Is there a program/project time schedule? Yes
- c) Does the applicant fully address and justify the work to be funded? Yes

3. Budget Issues

Detail Budget (pg. 10):

Supplies (\$9,541): Please ask the recipient to provide a breakdown of supply costs so that we can determine whether these costs are allowable, allocable and reasonable.

Indirect costs (\$10,224): The recipient did not provide their indirect cost rate agreement. The recipient needs to provide a copy of their federally negotiated rate agreement so that we can verify the rate/base calculations.

SF424C: This budget does not sync with the detail budget provided on pages 10 and 11. I would expect to see the \$9,541 in supply expenses on the miscellaneous line (line 11), \$155,000 for contractual design costs either on line 4 or 5, and the \$65,459 for recipient salary, fringe and overhead on line 1.

4. Funding Rec Issues

Not available

Krista Galvin, Grants Management Specialist
U.S. Environmental Protection Agency, Region 5 | Acquisition and Assistance Branch

77 W. Jackson Boulevard, MC-10J | Chicago, IL 60604
Tel (312) 353-4872 | Fax (312) 697-2698 | Galvin.Krista@epa.gov



RE: Oakland County - McComb County Application

Lockhart, Sid to: Barbara Cash

12/17/2012 12:12 PM

Cc: "Michael McMahon", jbona

From: "Lockhart, Sid" <lockharts@oakgov.com>

To: Barbara.Cash/R5/USEPA/US@EPA

Cc: "Michael McMahon" <mmcmahonm@oakgov.com>, <jbona@ectinc.com>

History: This message has been replied to.

Barbara,

The PDF came through. This project is a continuation of a multiple phase project that has a project plan turned into the State of MI for this part and other Segments/ Phases. Is it possible to use the project plan instead of this form? We believe the project plan contains the same information. My colleague, Mike McMahon is working on the overall project and this portion as well and can elaborate further if needed.

If you haven't heard, Phil Sanzica retired and is working with us part time but in a different roll. For how you can change any grant correspondence you have to my name if you like.

Thanks again,

Sid Lockhart, P.E.
Assistant Chief Engineer

Oakland County Water Resources Commissioner's Office
One Public Works Drive
Waterford, MI 48328

Office: 248-858-1082
Fax: 248-858-1066

From: Cash.Barbara@epa.gov [mailto:Cash.Barbara@epa.gov]
Sent: Monday, December 17, 2012 11:57 AM
To: Lockhart, Sid
Subject: Fw: Oakland County - McComb County Application

Sid, I have tried to send you the EID document but for some reason your e-mail system will not send the attachment - a pdf file. I am trying again to send the needed document. However if it does not come this time, please let me know so that I can send you a link to the document on line.

Barbara Cash
Special Appropriations
Project Officer - IL MI & WI